

# HIGH-TO-LOW LEVEL SHIFTER

## Abstract

A high-to-low level shifter, coupled to a first external signal, for transforming the first external signal into an internal signal, wherein the first external signal substantially switches between a high-voltage-domain high potential and a high-voltage-domain low potential, the internal signal substantially switches between a low-voltage-domain high potential and a low-voltage-domain low potential. The high-to-low level shifter includes: an inverter, for generating a second external signal according to the first external signal, wherein the second external signal is inverse to the first external signal; and a level shifter, for generating the internal signal according to the first external signal and the second external signal.